

**ABSTRACT**

A method and apparatus for converting AC power into DC power are disclosed, where the method includes receiving the AC power, and converting the AC power into the DC power by way of a rectification device, where the rectification device is capable of being controlled to switch on at a plurality of time instants. The method further includes experiencing at least one of a first reduction in a first characteristic of the received AC power and a second reduction in a second characteristic of the DC power; and changing at least one of the time instants at which the rectification device is to be switched on.

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